METHOD FOR THE WATERMARKING OF A VIDEO SEQUENCE WITH ADAPTIVE SELECTION OF THE WATERMARK INSERTION ZONE, CORRESPONDING DETECTION METHOD, DEVICES, DATA CARRIER AND COMPUTER PROGRAM

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ABSTRACT OF THE DISCLOSURE

A method for the watermarking of a sequence of video images implements a step for the insertion of at least one watermarking bit into at least one
10 motion vector obtained by motion estimation between two images of said sequence, so as to obtain at least one watermarked motion vector. The motion vector is identified by its coordinates in a reference space, partitioned into two types of complementary zones,
15 each having a distinct binary value associated with it. The insertion step implements, if necessary, a modification of the coordinates of said motion vector so that it is located in a binary value zone corresponding to said watermarking bit to be
20 inserted. During said modification, at least two potential watermarked motion vectors are determined and, from among said potential watermarked motion vectors, an optimal watermarked motion vector is selected according to at least one predetermined
25 criterion, so that the modified coordinates of said motion vector are those of said optimal watermarked motion vector.